

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1 1. (currently amended): A magnetic head comprising:
- 2     ✓ a substrate;
- 3     ✓ a read head being fabricated upon said substrate;
- 4     ✓ a P1 pole being fabricated upon said read head;
- 5     ✓ a write gap layer being fabricated upon said P1 pole;
- 6     a P2 pole tip being fabricated upon portions of said write gap layer, wherein said P2 pole
- 7 tip includes a first portion being comprised of a seed layer ~~material~~ and a second portion being
- 8 comprised of electroplated material, and wherein said P2 pole tip has a thickness dimension t,
- 9 and a base having a width dimension W; ~~that is formed in part from a thickness of said seed layer~~
- 10 ~~material portion and in part from a thickness of said electroplated material portion~~
- 11     and wherein said seed layer is comprised of an integrally formed layer of material that
- 12 forms said base of said P2 pole tip and a sidewall of said P2 pole tip that extends throughout said
- 13 thickness t of said P2 pole tip.
- 1 2. (currently amended): A magnetic head as described in claim 1 wherein said ~~first~~
- 2 electroplated material that comprises said second portion of said P2 pole tip ~~that is comprised of~~
- 3 plated upon said seed layer material that forms a sidewall of said P2 pole tip.
- 1 3. (original) A magnetic head as described in claim 1 wherein said seed layer material is
- 2 formed with a thickness of approximately 50 Å to approximately 500 Å, and said electroplated
- 3 material is formed with a thickness of approximately 100 Å to approximately 5000 Å.

1 4. (original) A magnetic head as described in claim 3 wherein said seed layer material  
2 thickness is approximately 250 Å and said electroplated material thickness is approximately  
3 1500 Å.

1 5. (original) A magnetic head as described in claim 3 wherein said seed layer material is  
2 comprised of NiFe and said electroplated material is comprised of NiFe.

1 6. (currently amended) A hard disk drive comprising:  
2 at least one hard disk being fabricated for rotary motion upon a disk drive;  
3 at least one magnetic head adapted to fly over said hard disk for writing data on said hard  
4 disk, said magnetic head including:  
5 a substrate;  
6 a read head being fabricated upon said substrate;  
7 a P1 pole being fabricated upon said read head;  
8 a write gap layer being fabricated upon said P1 pole;  
9 a P2 pole tip being fabricated upon portions of said write gap layer, wherein said P2 pole  
10 tip includes a first portion being comprised of a seed layer material and a second portion being  
11 comprised of electroplated material, and wherein said P2 pole tip has a thickness dimension t,  
12 and a base having a width dimension W; ~~that is formed in part from a thickness of said seed layer~~  
13 ~~material portion and in part from a thickness of said electroplated material portion~~

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14 and wherein said seed layer is comprised of an integrally formed layer of material that  
15 forms said base of said P2 pole tip and a sidewall of said P2 pole tip that extends throughout said  
16 thickness t of said P2 pole tip.

1 7. (currently amended): A hard disk drive as described in claim 6 wherein said ~~first~~  
2 electroplated material that comprises said second portion of said P2 pole tip ~~that is comprised of~~  
3 plated upon said seed layer material that forms a sidewall of said P2 pole tip.

1 8. (original) A hard disk drive as described in claim 6 wherein said seed layer material is  
2 formed with a thickness of approximately 50 Å to approximately 500 Å, and said electroplated  
3 material is formed with a thickness of approximately 100 Å to approximately 5000 Å.

1 9. (original) A hard disk drive as described in claim 8 wherein said seed layer material  
2 thickness is approximately 250 Å and said electroplated material thickness is approximately  
3 1500 Å.

1 10. (original) A hard disk drive as described in claim 8 wherein said seed layer material is  
2 comprised of NiFe and said electroplated material is comprised of NiFe.

11-18 (withdrawn)

1 19. (currently amended): A magnetic head comprising:  
2 a substrate;

3 a read head being fabricated upon said substrate;

4 a P1 pole being fabricated upon said read head;

5 a write gap layer being fabricated upon said P1 pole;

6 a P2 pole tip being fabricated upon portions of said write gap layer, wherein said P2 pole  
7 tip includes a base surface that is disposed upon said write gap layer and a side wall surface that  
8 is disposed generally perpendicularly to said base surface, and wherein said base surface and said  
9 side wall surface are comprised of a an integrally formed layer of P2 pole tip seed layer material.

1 20. (previously added) A magnetic head as described in claim 19 wherein said base surface  
2 defines a width W of said P2 pole tip and said sidewall defines a thickness t of said P2 pole tip.

1 21. (currently amended): A magnetic head as described in claim 20, wherein said P2 pole tip  
2 further includes an electroplated material portion, and wherein said electroplated material portion  
3 is ~~formed~~ plated in part upon said sidewall surface seed layer material.

1 22. (previously added) A magnetic head as described in claim 21 wherein said seed layer  
2 material is formed with a thickness of approximately 50 Å to approximately 500 Å, and said  
3 electroplated material is formed with a thickness of approximately 100 Å to approximately 5000  
4 Å.

1 23. (previously added) A magnetic head as described in claim 21 wherein said seed layer  
2 material thickness is approximately 250 Å and said electroplated material thickness is  
3 approximately 1500 Å.

- 1 24. (previously added) A magnetic head as described in claim 21 wherein said seed layer  
2 material is comprised of NiFe and said electroplated material is comprised of NiFe.
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6